



**NSAI**  
Standards

Irish Standard  
I.S. EN 12521:2015

# Furniture - Strength, durability and safety - Requirements for domestic tables

## I.S. EN 12521:2015

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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## National Foreword

I.S. EN 12521:2015 is the adopted Irish version of the European Document EN 12521:2015, Furniture - Strength, durability and safety - Requirements for domestic tables

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**EUROPEAN STANDARD**

**EN 12521**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

December 2015

ICS 97.140

Supersedes EN 12521:2009

English Version

## **Furniture - Strength, durability and safety - Requirements for domestic tables**

Mobilier - Résistance, durabilité et sécurité - Exigences  
relatives aux tables à usage domestique

Möbel - Festigkeit, Dauerhaltbarkeit und Sicherheit -  
Anforderungen an Tische im Wohnbereich

This European Standard was approved by CEN on 8 November 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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## European foreword

This document (EN 12521:2015) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2016 and conflicting national standards shall be withdrawn at the latest by June 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12521:2009.

In comparison with EN 12521:2009, the following modifications have been made:

- a) references to EN 1730:2012, *Furniture — Tables — Test methods for the determination of stability, strength and durability* were updated;
- b) references to EN 12150-1:2000 were updated to EN 12150-1:2015.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## EN 12521:2015 (E)

### 1 Scope

This European Standard specifies the minimum requirements for the safety, strength and durability of all types of domestic tables for use by adults, including those with glass in their construction.

It does not apply to office tables and office desks, tables for non-domestic use, tables for educational institutions and outdoor tables for which European Standards exist.

It does not apply to tables where the table top is not fixed to the understructure, i.e. when applying test 3, Table 2, the top becomes detached from the understructure.

With the exception of stability tests, the standard does not provide assessment of the suitability of any storage features included in domestic tables.

It does not include requirements for the durability of castors and height adjustment mechanisms.

It does not include requirements for electrical safety.

It does not include requirements for the resistance to ageing and degradation.

Annex A (informative) contains a table top deflection test.

### 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1730:2012, *Furniture - Tables - Test methods for the determination of stability, strength and durability*

EN 12150-1:2015, *Glass in building - Thermally toughened soda lime silicate safety glass - Part 1: Definition and description*

EN 12600:2002, *Glass in building - Pendulum test - Impact test method and classification for flat glass*

EN 14072:2003, *Glass in furniture - Test methods*

### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

#### 3.1

##### **accessible part**

part to which access can easily be gained by the user when the table is in its intended configuration of use and for which the probability of unintentional user contact is high

#### 3.2

##### **part accessible during setting up and folding**

part to which access can only be gained when setting up and folding the table

#### 3.3

##### **shear and squeeze point**

shear and squeeze point exists if the distance between two accessible parts moving relative to each other is less than 18 mm or more than 7 mm in any position during movement

### 4 Test conditions and test sequence

The tests shall be carried out in the order in which they are listed in Table 2 of this standard.



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